

Windows®. Life without Walls™.  
Fujitsu recommends Windows 7.

# Data Sheet

## Fujitsu LIFEBOOK AH531 Notebook

### Your Essential Partner

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The Fujitsu LIFEBOOK AH531 is a solid and reliable notebook to overcome your daily challenges. Choose between two design variants: a classy black or an outstanding garnet-red finish. Its high-definition glossy or anti-glare 39.6 cm (15.6-inch) LCD is big enough for ergonomic working. Thanks to integrated WLAN, Bluetooth® and optionally embedded 3G/UMTS you can work anytime and anywhere.

#### High performance

Experience the smart family of Intel® Core™ processors that deliver performance that adapts to your needs, making laptops faster and more responsive.

- 2nd generation Intel® Core™ processors and latest Intel® mobile platform

#### Highest connectivity

Anytime, anywhere with highest connectivity for work and private.

- Integrated WLAN and Bluetooth®, optional embedded 3G/UMTS, 1.3 megapixel webcam, and digital microphone

#### High usability and security

Experience the ease of use and protect your most valuable data like confidential figures, pictures, videos and more.

- Special flat cap spill-resistant keyboard with full num pad and Kensington lock



# Components

Processor	Intel® Pentium® processor B940 (2.0 GHz, 2 MB)			
	Intel® Core™ i7-2620M processor (2.7 GHz, 4 MB)			
	Intel® Core™ i5-2410M processor (2.3 GHz, 3 MB) *			
	Intel® Core™ i3-2310M processor (2.1 GHz, 3 MB) *			
	Intel® Celeron® processor B810 (1.6 GHz, 2 MB)			
*Processor only for retail, SMB, education and government				
Operating system				
Operating system	Genuine Windows® 7 Professional 64-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Home Basic (EM) 64-bit Genuine Windows® 7 Starter (EM) 32-bit			
Operating system notes	Buy Microsoft® Office 2010 to use the full-featured Office software on this PC.			
Memory modules	1 GB (1 module(s) 1 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM			
	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM			
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM			
Base unit memory	LIFEBOOK AH531 Anti-Glare UMTS	LIFEBOOK AH531 Glare	LIFEBOOK AH531 Glare GarnetRed	LIFEBOOK AH531 Anti-Glare matt UMTS
Supported capacity RAM (min.)	1 GB			
Supported capacity RAM (max.)	8 GB			
Memory slots total	2			
Memory slot type	SO DIMM (DDR3, 1333 MHz)			
Hard disk drives (internal)	SATA, 7200 rpm, 320 GB, 2.5-inch, S.M.A.R.T.			
	SATA, 5400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.			
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.			
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.			
	SATA, 5400 rpm, 250 GB, 2.5-inch, S.M.A.R.T.			
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software.			
Wireless technologies				
Bluetooth	v2.1 + EDR			
Integrated WLAN	Intel® Centrino® Wireless N1030 (IEEE 802.11b/g/n)			
Integrated UMTS/HSUPA	Optional Sierra Wireless Gobi no UMTS 3000 (downlink 14.4 MBit/s, uplink 5.76 MBit/s)			Optional Sierra Wireless Gobi 3000 (downlink 14.4 MBit/s, uplink 5.76 MBit/s)
WiDi support	Yes (with Intel W-LAN)			
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (UMTS downlink speed 14.4 Mbit/s, UMTS uplink speed 5.76 Mbit/s)			
Base unit	LIFEBOOK AH531 Anti-Glare UMTS	LIFEBOOK AH531 Glare	LIFEBOOK AH531 Glare GarnetRed	LIFEBOOK AH531 Anti-Glare matt UMTS
General system information				
Chipset	Intel® HM65			
Product design				
Color	Glossy black	Glossy black	Glossy red	Glossy black
Material	Glossy	Glossy	Glossy	Matt black / glossy black

<b>Display</b>				
Display	39.6 cm (15.6-inch), TFT, (HD), LED backlight, anti-glare, 1366 x 768 pixel, 400:1 (min), 220 cd	39.6 cm (15.6-inch), TFT, (HD), LED backlight, glossy, 1366 x 768 pixel, 500:1 (min), 220 cd	39.6 cm (15.6-inch), TFT, (HD), LED backlight, anti-glare, 1366 x 768 pixel, 400:1 (min), 220 cd	
Aspect ratio	16:9			
Brightness - typical	220 cd	220 cd		220 cd
Contrast - typical	400:1 (min)	500:1 (min)		400:1 (min)
<b>Graphics</b>				
Max. resolution external display	1920 x 1200 pixel			
Graphics brand name	Intel® HD Graphics or HD Graphics 3000 (depending on CPU)			
Graphics features	DirectX® 10 support			
Graphics notes	Shared memory depending on main memory size			
Shared video memory	up to 1695 MB			
<b>Interfaces</b>				
Memory card slots	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)
ExpressCard slots	1 (34 mm and 54 mm supported)	1 (34 mm and 54 mm supported)	1 (34 mm and 54 mm supported)	1 (34 mm and 54 mm supported)
USB 2.0 total	3 (1 x Anytime USB Charge functionality)	3 (1 x Anytime USB Charge functionality)	3 (1 x Anytime USB Charge functionality)	3 (1 x Anytime USB Charge functionality)
VGA	1	1	1	1
HDMI	1	1	1	1
Ethernet (RJ-45)	1	1	1	1
DC-in	1	1	1	1
Audio: line-in / microphone	1	1	1	1
Audio: line-out / headphone	1	1	1	1
Kensington Lock support	1	1	1	1
<b>Wired communication</b>				
LAN	10/100/1000 MBit/s Realtek RTL 8111E			
<b>Optical drive options</b>				
Optical drive	DVD Super Multi	DVD Super Multi	DVD Super Multi	DVD Super Multi
<b>Keyboard and pointing devices</b>				
	Spill-resistant keyboard with number block			
	Number of keyboard keys: 106, Keyboard pitch: 19.8 mm, Keyboard stroke: 1.8 mm			
	Touchpad			
	Status LED			
<b>Multimedia</b>				
Audio type	On board			
Audio codec	Realtek ALC269 HD			
Audio features	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key (down: Fn+F8; up: Fn+F9)			
Camera	Built-in webcam, 1.3 megapixel			
<b>Power supply</b>				
AC adapter	20 V / 65 W (3.25 A)			
Rated voltage range	100 V - 240 V (AC Input)			
Rated frequency range	50 Hz - 60 Hz			
1st battery	Li-Ion battery 6-cell, 4400 mAh, 48 Wh			
Runtime 1st battery	up to 7 h 20 min			
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.			

**Related Processors for power consumption**

Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=ed3dc43e-5b9a-46d7-abcf-0c15489cb5f6">http://docs.ts.fujitsu.com/dl.aspx?id=ed3dc43e-5b9a-46d7-abcf-0c15489cb5f6</a>
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**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	378 x 252 x 36.5 mm
Weight	2.5 kg
Weight notes	Weight may vary depending on actual configuration (including battery pack)
Operating ambient temperature	Running: 5 - 35C; Packed -15 - 60C
Operating relative humidity	20 - 85 %

**Additional Software**

Additional software (preinstalled)	Adobe Acrobat Reader CyberLink YouCam EasyGuide online user documentation
Additional software (included as a CD/DVD)	Drivers & Utilities DVD (DUDVD)

**Security**

System protection	Kensington Lock support
Audit proof protection	Computrace® ready BIOS
Access protection	User and supervisor BIOS password Hard disk password

**Compliance**

Europe	CE Marking R&TTE (WLAN, Bluetooth®)
Global	ENERGY STAR® 5.0 in progress RoHS (Restriction of hazardous substances) WiFi certified EPEAT® in progress (dedicated regions)
Russia	GOST
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

**Warranty**

Standard Warranty	1 year / 2 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (depending on country specific requirements)

**Maintenance and Support Services - the perfect extension**

Recommended Service	3 years Collect & Return Service
Spare Parts availability	3 years
Service Weblink	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

**CELVIN® Drive D100**

The CELVIN® Drive D100 is a highly reliable external storage device with a standard USB-interface for Plug & Play experience by simply connecting the device to a notebook or PC.

Order Code:  
S26341-F103-L118

SOUNDSYSTEM DS P2100 Tube



The new stylish and elegant SOUNDSYSTEM DS P2100 Tube has been added to our multimedia portfolio. Taking inspiration from a hi-fi sound bar, the P2100 Tube presents you with living room design art pieces for acoustic enjoyment. The small & robust satellite speaker is decorated with a deluxe piano finish and the aluminum tube is adorned with a fine print of an exotic motif at its base - a final touch to complete this fantastic artwork.

Order Code:  
S26391-F7128-L500

HS S2000NC Headset



The HS S2000NC Headset offers more than current headsets. Besides superb sound quality, the headset provides an impressive feature: a button to switch off noise and disburden your ears of unwanted noise level.

Order Code:  
S26391-F7139-L3

## More information

### Fujitsu platform solutions

In addition to Fujitsu LIFEBOOK AH531, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

#### Computing Products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

#### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about Fujitsu LIFEBOOK AH531, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://ts.fujitsu.com/mobile>

### Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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